

6

52071-4.ST25.txt
SEQUENCE LISTING

<110> Annibali, Nestor

<120> Expression of a Human Insulin Precursor In P. Pastoris

<130> 52071.4

<140> US 09/955,259

<141> 2001-09-12

<160> 26

<170> PatentIn version 3.1

<210> 1

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

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<212> DNA

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52071-4.ST25.txt

<220>

<223> Synthetic Primer

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<211> 39

<212> DNA

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39

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<211> 45

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<213> Artificial Sequence

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<223> Synthetic Primer

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<210> 5

<211> 52

<212> DNA

<213> Artificial Sequence

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52071-4.ST25.txt

<223> Synthetic Primer

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<210> 6

<211> 162

<212> DNA

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<223> complete synthetic insulin precursor obtained by PCR using human insulin sequence as original source

<400> 6
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gaacgaggct tcttctacac acccaagacc aagcgtggca ttgtgaaaca atgctgtacc 120
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<212> DNA

<213> Artificial Sequence

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<223> Synthetic Primer

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<210> 8

<211> 50

<212> DNA

<213> Artificial Sequence

52071-4.ST25.txt

<220>

<223> Synthetic Primer

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50

<210> 9

<211> 33

<212> DNA

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<223> Synthetic Primer

<400> 9

acacttgtgt ggttctcaact tgggtgaagc ttt

33

<210> 10

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

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60

ttgttc

66

<210> 11

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

52071-4.ST25.txt

<223> Synthetic Primer

<400> 11

ccgctcgaga agagatttgt taaccaaacac ttgtgt

36

<210> 12

<211> 162

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic insulin precursor, obtained by PCR using human insulin sequence as original source

<400> 12

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gaaagagggtt tcttctacac tccaaagact aagagaggta tcgttgaaca atgttgtact 120

tctatctgtt ctttgtacca attggaaaac tactgtaact aa 162

<210> 13

<211> 56

<212> DNA

<213> Artificial Sequence

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<210> 14

<211> 68

<212> DNA

<213> Artificial Sequence

52071-4.ST25.txt

<220>

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<210> 15

<211> 71

<212> DNA

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<210> 16

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

<400> 16

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<210> 17

<211> 72

<212> DNA

52071-4.ST25.txt

<213> Artificial Sequence

<220>

<223> Synthetic Primer

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caacaaacca tt 72

<210> 18

<211> 267

<212> DNA

<213> Artificial Sequence

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<223> synthetic sequence of alpha factor from S. cerevisiae, obtained by PCR

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cctgttaaca ctactactga agacgaaact gctcaaattcc cagctgaagc ggttatcggt 120
tactctgact tggaaaggta cttcgacgtt gctgtttgc ctttctctaa ctctactaat 180
aatggtttgt tgttcatcaa cactactatc gcttctatcg ctgctaagga agagggtgtt 240
tctctcgaga agagagaggc tgaagca 267

<210> 19

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

<400> 19

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52071-4.ST25.txt

<210> 20
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer

<400> 20
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<210> 21
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer

<400> 21
tcactcgagc ggtctagttg cagtagttct 30

<210> 22
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
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<400> 22
gtcgtggttt ctcatagtag agtggaca 28

<210> 23

52071-4.ST25.txt

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Synthetic Primer

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ggtcatcaact gctccatc

18

<210> 24

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

<400> 24

agcagcacca gtggaagat

19

<210> 25

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Primer

<400> 25

gactggttcc aattgacaag c

21

<210> 26

<211> 4

52071-4.ST25.txt

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 26

Lys Arg Glu Ala
1